

SEQUENCE LISTING

<110> Lyle

<120> Method for the Preparation of Human Growth Hormone and
Antagonist Thereof Having Lower Levels of Isoform Impurities

<130> 161765.00520

<150> US 60/406,553

<151> 2002-08-28

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 191

<212> PRT

<213> Homo sapiens

<400> 1

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Phe Pro Thr Ile Pro Leu Ser Arg Leu Phe Asp Asn Ala Met Leu Arg
1      5      10      15
Ala Asp Arg Leu Asn Gln Leu Ala Phe Asp Thr Tyr Gln Glu Phe Glu
20      25      30
Glu Ala Tyr Ile Pro Lys Glu Gln Lys Tyr Ser Phe Leu Gln Asn Pro
35      40      45
Gln Thr Ser Leu Cys Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg
50      55      60
Glu Glu Thr Gln Gln Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu
65      70      75      80
Leu Leu Ile Gln Ser Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val
85      90      95
Phe Ala Asn Ser Leu Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp
100     105     110
Leu Leu Lys Asp Leu Glu Glu Lys Ile Gln Thr Leu Met Gly Arg Leu
115     120     125
Glu Asp Gly Ser Pro Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser
130     135     140
Lys Phe Asp Thr Asn Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr
145     150     155     160
Gly Leu Leu Tyr Cys Phe Asn Ala Asp Met Ser Arg Val Ser Thr Phe
165     170     175
Leu Arg Thr Val Gln Cys Arg Ser Val Glu Gly Ser Cys Gly Phe
180     185     190

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<210> 2

<211> 191

<212> PRT

<213> Homo sapiens

<400> 2

Phe	Pro	Thr	Ile	Pro	Leu	Ser	Arg	Leu	Phe	Asp	Asn	Ala	Met	Leu	Arg	1	5	10	15
Ala	His	Arg	Leu	His	Gln	Leu	Ala	Phe	Asp	Thr	Tyr	Gln	Glu	Phe	Glu	20	25	30	
Glu	Ala	Tyr	Ile	Pro	Lys	Glu	Gln	Lys	Tyr	Ser	Phe	Leu	Gln	Asn	Pro	35	40	45	
Gln	Thr	Ser	Leu	Cys	Phe	Ser	Glu	Ser	Ile	Pro	Thr	Pro	Ser	Asn	Arg	50	55	60	
Glu	Glu	Thr	Gln	Gln	Lys	Ser	Asn	Leu	Glu	Leu	Leu	Arg	Ile	Ser	Leu	65	70	75	
Leu	Leu	Ile	Gln	Ser	Trp	Leu	Glu	Pro	Val	Gln	Phe	Leu	Arg	Ser	Val	80	85	90	
Phe	Ala	Asn	Ser	Leu	Val	Tyr	Gly	Ala	Ser	Asp	Ser	Asn	Val	Tyr	Asp	95	100	105	
Leu	Leu	Lys	Asp	Leu	Glu	Glu	Gly	Ile	Gln	Thr	Leu	Met	Gly	Arg	Leu	110	115	120	
Glu	Asp	Gly	Ser	Pro	Arg	Thr	Gly	Gln	Ile	Phe	Lys	Gln	Thr	Tyr	Ser	125	130	135	
Lys	Phe	Asp	Thr	Asn	Ser	His	Asn	Asp	Asp	Ala	Leu	Leu	Lys	Asn	Tyr	140	145	150	
Gly	Leu	Leu	Tyr	Cys	Phe	Arg	Lys	Asp	Met	Asp	Lys	Val	Glu	Thr	Phe	155	160	165	
Leu	Arg	Ile	Val	Gln	Cys	Arg	Ser	Val	Glu	Gly	Ser	Cys	Gly	Phe		170	175	180	
																185	190		